

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 977.055W01	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/022771	International filing date (day/month/year) 15/07/2004	(Earliest) Priority Date (day/month/year) 15/07/2003
Applicant DIGI INTERNATIONAL INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

VIDEO ON DEMAND SYSTEM WITH MEDIA SERVER THAT PRESENT OFFERED CONTENTS TO WEB CLIENT FOR SELECTION

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A system for pulling video content over a data communications network(110). The system comprises at least one video display(120), at least one video file server (130) containing a number of video files(132) to be selectively displayed on the at least one video display, at least one media server(140) to communicate with one or more video displays, a web client to communicate with each media server through a network to configure at least one playlist(145) in the media server, each playlist including at least one identifier(230) to select one or more of the number of video files, and each media server(140) being adapted to pull video content from a selected video file(132) in a selected video file server based on the playlist and to translate the pulled video content into a video output signal suitable for display on the video display.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/173

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/037511 A1 (INAGAKI KOICHI) 1 November 2001 (2001-11-01) abstract paragraphs '0025!', '0029!', '0033!', '0037!', '0039!' - '0042!' claims 1,3,6 figures 1,2	1-33
X A	US 2003/030751 A1 (LUPULESCU RUBEN D ET AL) 13 February 2003 (2003-02-13) abstract paragraphs '0014!', '0015!', '0040!', '0056!' claim 10 figures 1,2,4,6	16-20, 22-24 1-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

22 November 2004

Date of mailing of the international search report

02/12/2004

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Goya, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/056578 A1 (HWANG JAE-SIK ET AL) 27 December 2001 (2001-12-27) abstract figure 1 claims 1,2	1-33
A	US 2002/116265 A1 (HERNANDEZ RUBEN) 22 August 2002 (2002-08-22) abstract	5,12,13, 21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001037511 A1	01-11-2001	JP 3528754 B2 JP 2001309334 A	24-05-2004 02-11-2001
US 2003030751 A1	13-02-2003	NONE	
US 2001056578 A1	27-12-2001	KR 2002000322 A CN 1332551 A GB 2364215 A ,B JP 2002027428 A	05-01-2002 23-01-2002 16-01-2002 25-01-2002
US 2002116265 A1	22-08-2002	WO 02054178 A2	11-07-2002